

# Molecular and Cellular Biochemistry:

An International Journal for Chemical Biology in Health and Disease

CONTENTS VOLUME 233, Nos. 1 & 2, April 2002

I.T. Makagiansar, H. Yusuf-Makagiansar, A. Ikesue, A.M. Calcagno, J.S. Murray and T.J. Siahaan: N-cadherin involvement in the heterotypic adherence of malignant T-cells to epithelia	1-8
S.S. Jacob, P. Shastry and P.R. Sudhakaran: Monocyte-macrophage differentiation <i>in vitro</i> : Modulation by extracellular matrix protein substratum	9-17
A. Pessina, A. Giuliani, C. Croera, P. Foti, L. Mascolo, G. Gagliardi and M.G. Neri: Selection of a WEHI-3B leukemia cell subclone resistant to inhibition by cholera toxin	19-26
S. Biswas, C.G. Gairola and S.K. Das: Oltipraz protects the passive smoke induced changes in renal glyoxalase system of rats	27-30
M. Simon, D. Feliers, M. Arar, B. Bhandari and H.E. Abboud: Cloning of the 5'-flanking region of the murine bone morphogenetic protein-7 gene	31-37
X. Wang, X. Han, S. Jia and F. Yang: Change of apocytochrome c translocation across membrane in consequence of hydrophobic segment deletion	39-47
M.S. Hardin, R. Mader and R.A.R. Hurta: K-FGF mediated transformation and induction of metastatic potential involves altered ornithine decarboxylase and S-adenosylmethionine decarboxylase expression - role in cellular invasion	49-56
W.-N. Kuo and J.M. Kocis: Nitration/S-nitrosation of proteins by peroxynitrite-treatment and subsequent modification by glutathione S-transferase and glutathione peroxidase	57-63
C.-Y. Huang, L.-Y. Hao and D.E. Buetow: Hypertrophy of cultured adult rat ventricular cardiomyocytes induced by antibodies against the insulin-like growth factor (IGF)-I or the IGF-I receptor is IGF-II-dependent	65-72
G.R. Noleto, A.L.R. Mercê, M. Iacomini, P.A.J. Gorin, V.T. Soccol and M.B.M. Oliveira: Effects of a lichen galactomannan and its vanadyl (IV) complex on peritoneal macrophages and leishmanicidal activity	73-83
G. Baiardi, A. Carrión, E.R. Petrich and A.P. Zumino: 4-Aminopyridine: Effects on electrical activity during ischemia and reperfusion in perfused rat hearts	85-90
D.B. Shennan, A.C.G. Grant and I.F. Gow: The effect of hyposmotic and isosmotic cell swelling on the intracellular $[Ca^{2+}]$ in lactating rat mammary acinar cells	91-97
L. Mercado, A. Cao, R. Barcia and J.I. Ramos-Martínez: Purification of a lipid-activated and $Ca^{2+}$ -independent protein kinase from the mantle tissue of <i>Mytilus galloprovincialis</i> Lmk.	99-105
D. Hutter, P. Chen, J. Li, J. Barnes and Y. Liu: The carboxyl-terminal domains of MKP-1 and MKP-2 have inhibitory effects on their phosphatase activity	107-117
T.L. Broderick, T. Belke and W.R. Driedzic: Effects of chronic caloric restriction on mitochondrial respiration in the ischemic reperfused rat heart	119-125
E. Balducci and L.G. Micossi: NAD-dependent inhibition of the NAD-glycohydrolase activity in A549 cells	127-132
J. Feng, H. Li and E.R. Rosenkranz: Diazoxide protects the rabbit heart following cardioplegic ischemia	133-138
A. Mohammad, V. Sharma and J.H. McNeill: Vanadium increases GLUT4 in diabetic rat skeletal muscle	139-143
P. Kaplán, M. Matejovicová, J. Lehotský and W. Flameng: Effect of myocardial stunning on thiol status, myofibrillar ATPase and troponin I proteolysis	145-152
R.Y.K. Man, E.G. Lynn, F. Cheung, P.S.Y. Tsang and K. O: Cholestin inhibits cholesterol synthesis and secretion in hepatic cells (HepG2)	153-158
A. Gajko-Galicka, K. Bielawski, K. Sredzinska, A. Bielawska and A. Gindziński: Elongation factor 2 as a target for selective inhibition of protein synthesis <i>in vitro</i> by the novel aromatic bisamidine	159-164
G.D. Sharma, H.T. Nguyen, A.S. Antonov, R.G. Gerrity, T. von Geldern and K.N. Pandey: Expression of atrial natriuretic peptide receptor-A antagonizes the mitogen-activated protein kinases (Erk2 and P38 <sup>MAPK</sup> ) in cultured human vascular smooth muscle cells	165-173
<i>Short communications</i>	
J.A. Cerrutti, A. Brandoni, N.B. Quaglia and A.M. Torres: Sex differences in p-aminohippuric acid transport in rat kidney: Role of membrane fluidity and expression of OAT1	175-179
R.M. Donev, T.A. Doneva, W.R. Bowen and D. Sheer: HnRNP-A1 binds directly to double-stranded DNA <i>in vitro</i> within a 36 bp sequence	181-185
Index to Volume 233	187-189
Instructions to Authors	191-195

Electronic journals at

**KluwerOnline**

WWW.KLUWERONLINE.NL

Contact your librarian for more information